

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20040238488").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 17:21
S2	1887	((118/723E) or (156/345.43,345.45, 345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/30 22:26
S3	86	S2 and (upper electrode) and (lower electrode) and (ring with upper with electrode) and (ring with lower with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 22:57
S4	78	S3 and (@ad<="20040123" or @rlad<="20040123")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:21
S5	18	S2 and (upper electrode) and (lower electrode) and (ring near3 upper near3 electrode) and (ring near3 lower near3 electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:07
S6	27	(upper electrode) and (lower electrode) and (ring near3 upper near3 electrode) and (ring near3 lower near3 electrode) and plasma and (edge or backside)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:17
S7	9893	(etch\$3 or clean\$3) same ((edge or backside) with wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:19
S8	4196	S7 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:19

## EAST Search History

S9	2149	S8 and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:19
S10	6023	(etch\$3 or clean\$3) with ((edge or backside) with wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:21
S11	1375	S10 and plasma and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:21
S12	2855	(etch\$3 or clean\$3) with ((edge) near3 wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:21
S13	682	S12 and plasma and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/30 23:21
S14	631	S13 and (@ad<="20040123" or @rlad<="20040123")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 17:39
S15	1887	((118/723E) or (156/345.43,345.45, 345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/31 14:14
S16	86	S15 and (upper electrode) and (lower electrode) and (ring with upper with electrode) and (ring with lower with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/31 14:34

## EAST Search History

S17	9893	(etch\$3 or clean\$3) same ((edge or backside) with wafer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/31 14:40
S18	127	S17 and insulat\$4 (plate or ring or barrier) and ((prevent or block or limit\$3 or control\$4) same plasma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/05/31 14:41
S19	0	("2004/0137745").URPN.	USPAT	ADJ	ON	2006/05/31 15:09
S20	5	("4512283"   "5246532"   "6364957"   "6676760").PN. OR ("6837967").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/31 15:09
S21	23	("4624728"   "4908095"   "5075256").PN. OR ("5707485").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/31 15:19
S22	19	("4131533"   "4253907"   "4367114"   "4380488"   "4482419"   "4496423"   "4614639").PN. OR ("5413673").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/05/31 15:30
S23	37	(insulat\$4 plate) same (gap or space) same (upper electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 14:23
S24	96	(insulat\$4 plate) same (gap or space) same (electrode) same plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 17:26
S25	2054	((118/723E) or (156/345.43-345.47)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/01 17:36
S26	200	S25 and ((electrode or cathode or anode) with ((dielectric or insulat\$4) adj (plate or layer)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 17:38

## EAST Search History

S27	182	S26 and (@ad<="20040123" or @rlad<="20040123")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 20:30
S28	4	((("5792517") or ("5959409") or ("5549780") or ("5968377"))).PN.	USPAT	OR	OFF	2006/06/01 20:32
S30	1	edge bead electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 22:57
S31	255	bead electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 22:58
S32	44	S31 and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/06/01 22:58